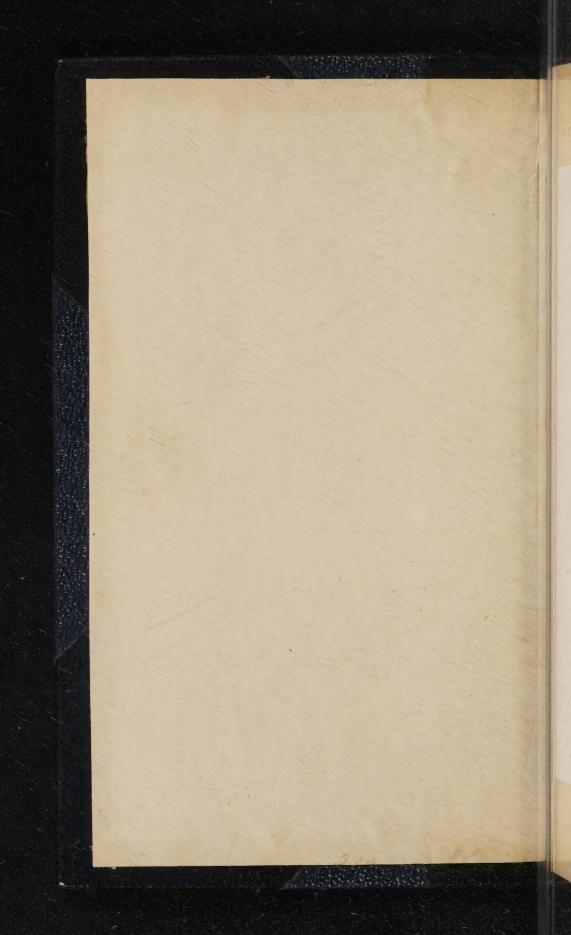


一門院田 教養 古代 村子上 為明七十五年 節治者 一 田 NETAL AND MINERAL WATERS









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TREATISE Mineral WATERS;

VIZ.

Those of the Spaw, Bathe, Epsom, Northhall, Barnet, Tunbridge, and the New-Wells at Islington.

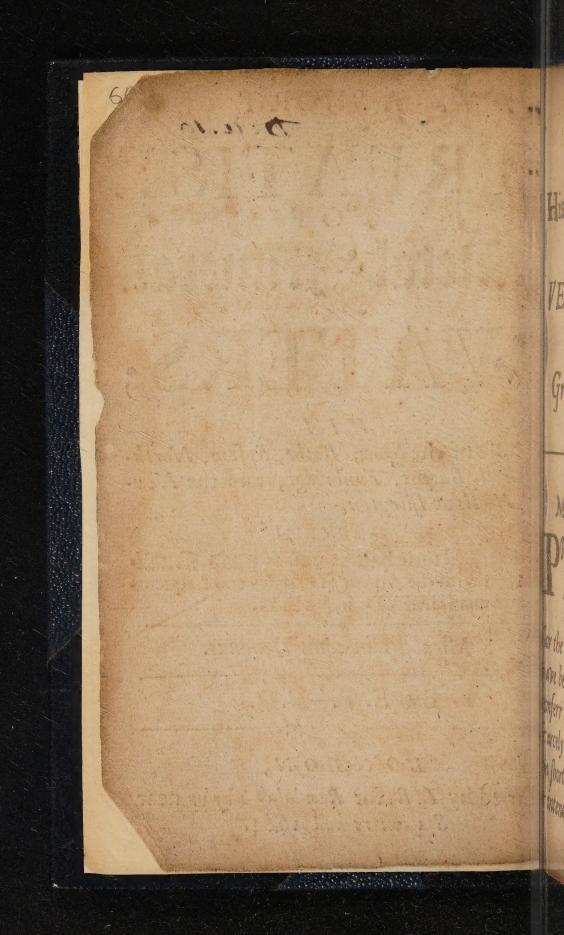
WHEREIN

ties, with the danger of Peoples too frequentand unadvisedly Drinking them.

Mirabilis in aquis Dominus.

By E. P. M.D.

LONDON, inted by T.B. for Randolph Taylor near Stationers-hall 1684.



His ever Honoured Friend The LADY VERE BEAUMONT, OF

Grace-dieu, in Com. Leic.

Madam,

May be pleas'd to accept of this small Present; but not as any the least requital, I befeech you, or the almost innumerable favours you are been pleas'd from time to time to inferr upon me; since I fear it can arcely be call'd an Acknowlegment.

I short, Madam, this short Treatise, intended for public benefit in general, but

but if it may, in the least measure, be serviceable or conducible towards the Preserving of your Ladiships Health, in particular, I have attain'd my Aim; and in an happy hour may then subscribe my self

Madam,

Your ever oblig'd Servant,

E. Prat.

Reader,

o ill

Am not ignorant that the use of Metal and Mineral Waters are often prescribed by Physitians against many Diseases; as Palsies, Tremblings, Ulcers of the Stomach, Reins, Bladder and Womb, Tenesmus, deprav'd Months, Abortion, &c. and though I know Sacred Writ says, Mirabilis est in aquis Dominus; because of wonderful and almost divine virtues given them by the Almighty Physitian; for the cure of many rebellious and contumacious Diseases; and that as Vitruvius says, ther's seen no more miracles of nature than in Waters: yet I would first advise all diseased Persons, that they would not be too hasty, and run hand over head, as they say to drink those Wa. ters, because it may be some of their neighbours, &c. told them they found benefit by them, without consulting the Physitian, whether they may be proper for them? forgetting the old saying, One man's Meat may be another's Poyson.

Next I would have the young Physitian, chiefly be prudent and cautious in prescrib-

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ing them, and not, as too often, to send their Patients, after they have put them to great cost, and wearied them with multitudes of Medicines, to the Wells, as their last refuge, without considering the nature of the Waters or the Sick; and not to send the intemperate, and full of foul humours, or that have het entrals, or that abound with stinking, sharp malignant rebellious dregs, and who are full of obstructions, the notorious Parent of most Diseases, which are scarcely ever to be remov'd; For the se Waters are all of hot and dry qualities; some more then others, as proceeding from hot and poysonous Minerals, as you will see in this Book; so that 'tis impossible but theremust remain an Empyreuma, or coll ction of filthy matter, which in an intemperate and dispos'd body will beget a new kind of Disease, and augment the bot disposition of the Stomach, Liver, and other Entrals-ordain'd for nourishment, if there were any; and this from Hipp... de aere, aquis & locis text.13. Aristot... lib. 2, Meteor, c.3. Galen. l. 1.c. 6. de: simple facult. They may work miracles in some Discases, but rara non sunt artis, AMOU

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and that will not warrant a dogmatical Physitian, instituted in the sound, safe and Orthod x doctrine of Hipp. and Gal. promiscuously and immethodically to prescribe
them almost to all People and Diseases; as
your Diobolory, I had almost said Diabolary
Empirics, and wretches in Town do their
Family Pills, their Friendly and Popular
Pills.

Then as for Ulcers of the Stomach, I cannot but think them improper, being too hot, as proceeding from Nitre, Sulphur, Vitriol, the last of which is altogether of a contrary nature to Man, as being of a poysonous quality; as for Gold, Iron, &c. the Learned Fallopius, who understood the nature of Water's certainly as well as any man, believes they impart not any of their quality to the Water. The same may be said of Ulcers of the Reins and Blider, which, for the mist part will admit of no cure; by reason of continual afflux of sharp, watrish humours, whereby their detersion, and deficcation is hindred; (o for Ulcers in the Womb, and preventing Abortion; these Waters are not of so drying force to work such effects. 50

So that I cannot in reason see how these Waters should be so proper for so many Diseases for which they are extolled, for they are all samous for their potential, as they call it, and hidden heat, in an eminent degree, whereby they destroy the native accommy and temper of the Entrals: and imprint in them an extraneous heat, and socause Dropsies, as Hipp. noted in a peculiar Example of his, and a 1000 other dire diseases, which prove incurable, and hasten death.

Certain it is some Physitians, for private filthy lucre, promote the Waters, and even discover new ones: And though many out of a good intent, in Books, extol them, yet let none precipitate themselves into danger of another, and perhaps worse disease, but advise with the Learned Physician

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OF THE

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O F Medicinal Waters.

CHAP. I.

Of the Matter Origine of Fountains in General.

A ND here I shall be brief; intending not a speculative Philosophical, but a Medico-practical Discourse, for information and instructiof the unlearn'd, and not for Learned Philosophers and Physitians.

Now'tis clearly my Opinion, with the Divine Plato, Aristotle's Master, and before him Thales Milesius, as also Philo, lib. de mundi opisicio; the great Seneca, s. 1. quest natural, and others; that the Original of Fountains is from the

Sea; from whence, through Sinuolities, Veins and Meanders of the Earth, water is carried to certain places, where it breaks forth and continually flows; it may very probably be conjectur'd they had this from the greatest of Philosophers Salomon, who in Eccles. 1.7. says, all Rivers run into the Sea, and it overflows not; unto the place from whence they came thither they flow again, and indeed scarce can there be: assign'd any other reason why the Sean doth not redound by fuch a dayly concourse and afflux of Rivers; unless because the Rivers do again flow out off the Sea, and return and pay only for much to the Sea, as they borrowed! therefrom. Although the Evaporation and Extraction of watry Clouds by the Attractive force of the Sun, is no small help: and other material helping causes are Rains and Snows, which augment (though they do not generate) the Rivers; for these helps being withdrawn, heat of the Sum approaching they become Rarefied, and the neighbour parts of the dry'dl Earth

Earth drink them off. Whence, Kings 17. 7. the River Careth is said to wax dry by reason of the Sun's too great hear.

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But we have one Cardanus impiously and Atheistically disputing against Salomon, subtil. c. 2. de Elementis, whom we shall endeavour to satisfactorily answer and enervate; though God Almighty's Power and Wisdom, might be oppos'd as answer enough, and Sacred Scripture ought to be of more Authority than all humane sagacity.

First then he says the Sea-water, because 'tis heavy, cannot ascend to fuch an height, as the tops of Mountains; but to this have been several refutations; some ascribing this motion to the operations of the Celestial bodies; and they say this motion is not violent, (though it be contrary to the private inclination of its proper form) if the Potentia obedientialis be considered; whereby inferior Bodies are made to obey their Superiors, &c. Others say there is a certain insite,

B 2 attractive attractive faculty in the Veins of the Earth, whereby it sucks Water out of the Sea, as the Veins of Animals fuck Blood: others there are but too long for this place, and wholly Philosophical and so not easily to be understood by ordinary capacities and so I omit them.

Then Secondly, he fays before the Water could reach the Mountains out of the Sea, there's no reason to be given but it would break forth: But the Earth hath passages in some places and in some none. Then whatsoever he assigns to be the original of Fountains, it may be queried why in some places and Mountains there are Fountains and Rivers, and in some none?

Then Thirdly, he fays, if it were fo, Rivers would never be less; but it may be answered Rivers sometimes grow less from what portion is lost which comes from falls of Showers and Snows; and when part is suckt up by the dryness of the Earth, and heat of

the Sun, &c.

Fourthly, he says the Sea would not

not satisfy so many Rivers, when the greatest part of Waters vanish by the heat of the Sun; But it may be answered that the Sea receives only as much as it gives forth; as Salomon says, Rivers flow to the Sea, that they may flow out again; then if the greatest part of Water should vanish, the Sea would long agone have been wasted; but the extracted vapors are recondens'd into Waterwhich either flows into the Sea, or falls upon the Earth, to augment the Rivers, which at length unburthen themselves into the Sea.

Fifthly, He fays, there can be no reason given why it should flow from one Mountain and not from another; But the answer to his second Ob-

jection solves this.

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Lastly, He says, Fountains and Rivers would tast saltish and brackish. But to this is answer'd that Sea-water, whilst it passes through various Veins, Sinews and Meanders of the Earth, and so being as it were strein'd it sensibly deposes its saltness and bitterness. Hence the more remote B 3

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Fountains are from the Sea, the sweeter they are. If any shall say, that the Water was more likely to contract a bitterness by reason of the Exhalations it receives from the Earth: it may be answered, that they are not any sort of Exhalations that produce bitterness, but only adust ones; and all are not such in the intrals the Earth. Therefore now Cardan, we may conclude, I hope, hath not got any thing by contradicting Solomon.

CHAP. II.

Of the Division of Fountains and of Mineral and Metal Waters.

Aving in the former Chapter given the Reader a plain account of the Matter and Origine of Fountains, we should in the next place, see how many forts of Fountains there are, but because 'tis the work of Natural Philosophers and Hydrographers;

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phers; and nothing of an advantage to our present purpose we shall wholly omit it, and only speak of Mineral and Metallic Fountains, as being the subject of our present Discourse. Now those I call Mineral and Metallic Waters, which participate of the na. ture and faculty of that Metall or Mineral through which they pass in the Caverns and Veins of the Earth. The which are either I Salt, 2 Vitriol, 3 Allumn, 4 Bitumen, 5 Naptha, 6 Nitre, 7 Gypsum, 8 Arsenic, 9 Cadmia, 10 Antimony, 11 Chrysocolla, 12 Ochre, 13 Lime, 14 Asbes, 15 Pummice-stones, 16 Gold, 17 Iron, 18 Brass, 19 Lead, 20 Brimstone, and 21 Quicksilver. Now as I said the Minerals through which Waters pass, bestowing upon them in their journey a considerable part and portion of their good and bad qualities; I thought it very requisite, before I discours'd of the use of the Waters themselves, to say somthing of the Natures and Properties of the Metals and Minerals they are mixt with, that thereby you may be the better

ter able to judge of the nature of the Waters proceeding from them; then

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we will begin with Salt.

The faculties of Salt are great, many and very useful toman; but not so necessary in Physick, as many think; fuch as your Quacking Chymists, who predicate many wonderful and vain stories of Salt reduced by their Chymical Art; for they audaciously affert that their is a Purgative faculty in Medicaments because of Salt; and when they have got some Extract from any Medicament, then they prefently aver that they have got its Salt for sooth; but these being things above the vulgar capacity; I shall say Salt is very Conservative, of an Astringing, Absterging, Purging, Discussing, Repressing, Extenuating quality, and vindicates the Body from Putrefaction; yet some Salt is better then others; but us'd immoderately produces very bad effects, as sharp, salt corroding humors all over the Body, Scabs, Leprosie, the Stone, and other dire Diseales; as Dulness of sight, disorderly Fer,

Fermentations in the Blood, rendring it thick and earthy by burning it; Schroder thinks thus of the Original of Salts; the Macrocosm he says, as the other two Kingdoms, i.e. the Vegetable and Animal, is susteined and lives by its food; in this abounds a falt, answering to the salt Excrements In the Sweat, Urine, and Dejections in Animals; now the Salt of the greater World congregated into the inferior Glob, is of a dverse kind, according to the variety of its Matrix, even as the falt Excrement in Animals is different; hence, Common Salt, Salt Gem, Salt Nitre, Alum, &c,

The Greeks call that Calcanthum, which the Latines from its blackness, call Attramentum Sutorium, or Shooemakers Ink; and from its spendent vitreous Nitre, Vitriol; Dioscorides a man of profound Judgment in the Materia Medica, reckons three sorts thereof, two Native, and one factitious; one sort of the Native is found concreted in the bowels of the Earth; another is collected in form of a Wa-

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ter, out of some Mine, which put into a Vessel soon coagulates into Fitriol ; as for the factitious we have nothing; to fay to that here: the Native or Fossile Vitriol participates of Calcitis, Misy, and Sory; the Native and White: Inthe is prefer'd in the Medicinal uses ;; wh which the Metallicolous Alchymists say is produc'd by their Sulphur and Mercury; as of Sperm; which they indifcriminately exhibit to all affections, out of which they draw a certain acid Liquor, a few drops whereof mix'd with Syrup of Violets, acquire a mon: elegant colour and taste: But Oyl of Sulphur will do the same, and a few drops of one or both of them infused in the Syrup of Roses, will make the whole Liquor red; which they call, for sooth, Tincture of Roses.

Now Nature 'tis true hath enrich'd Vitriol with eximious faculties, which skilful Physitians have both experienc'd and left describ'd; as Galen, Dioscorides, Paulus Ægineta, Ætius, Oribasus, &c. who have very much nobilitated it: it heats, binds, drys, kills

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road Worms, helps against Toad poyon, preserves most flesh, and drysup Rumors, drives away Putrifaction, roboates the inward parts: outwardly it pinds, purges Ulcers, causes Wrincles ike Alum, with whom it hath relation; But besides these excellent qualities Viriol hath also its bad ones: for it is ill or the Stomach, acrimonious, corrofive and vomitous; and therefore ignorant Quacksalvers and Women give it sometimes in Wine, and sometimes in Rosevaler in uncertain weight, against Quotidian and Quartane Agues, and mamy other Diseases, and indeed the Fever is often resolv'd by vehement Vomiting, but this Medicine being unskilfully Administred proves most often more formidable than the Disease.

Alum is, as it were, the Brine of the Earth; whereof Dioscorides makes three forts; the Round, the Liquid, and the Jagged, or Scissile, the last is often call'd Plumeous, for they are so like in form that they can scarse be distinguish'd, yet they differ both in nature and qualities, for the Scissile is manifestly

manifestly binding, and may be burn but the other is Acrimonious, and su fers not by fire. Mathiolus, says he sa and tasted a Liquid Alum; of which 10th afferts, that he never found any think more Astrictive. Now when Alm is simply mention'd, we mean Ross IN Alum, which is a saltness of a Minerral Earth, of a Leadish nature, consistim of an acid spirit, and a caustice Earthy salt; and all Alum is of Crae parts, binds much; whence 'tis call!' Min Stypterion in Greek, because it is Sty tical, it heats, cleanses, amends putrilla Ulcers, dryes humid ones, absumelin superfluous flesh, takes away itching cures the Scab, and very useful in many Medicaments made for the Current of Ulcers.

Bitumen, which the Greeks call Applaces, is as it were the fatness of the Earth swiming above the Waterss which being cast upon the shoar which being cast upon the shoar and inflamable: As long as it swim on the water 'tis soft, but when 'tis of it becomes thicker and harder, and

resemble

fembles dry Pitch; yet easily meldat the fire. Many Lakes are bitumious, but especially one in India, thence all'd Asphalites, and the dead Sea, ecause of its vastness, and because s Water remains almost immoveble; not stormy, but heavy, salt, thick, and stinking; wherein neither Plants or Animals breed; neither doth it nouish such as are put into it, or admit them into its bowels.

All Bitumen is not folid and hard; ut some is perpetually fluid and liuid, call'd Naptha; which is the treining of Babylonian Bitumen, white of colour, and most capacious of ire; for Fire and this are so near a tin, that it will presently leap into t, when near it. There is also black Bitumen. For its Virtues all Bitumen discusses, mollisses, glutinates, defends from inflammation, by olfaction, suffunigation, or imposition; mends the trangling of the Womb. Naptha extenuates, incides, digests, penetrates, absumes frigid and thick humors in all, parts of the Body, and cures the Resolution

Resolution of the Nerves, Palsies, am diseases in the Veins and Arteries from cold cause.

Nitre of the same nature with the

Gypsum, is a kind of Talk, of the nature of Lime, whose hot, siery, caus

stic quality every one knows.

Ratsbane, or Arsenic, is between a Salt and a Sulphur, 'tis of such an and crimonious, corroding, hot quality that it will burn to a crust; dissolving; destroying and preying upon the Printciples of Life; malignant, and am Enemy to all Natural parts; and to the Radidical moisture, and innates heat; and therefore was very ill advis'd of Nich. Alexandrinus to prescribe it for an Ingredient in the great Athanasia, says the great man of skill in the Materia Medica, fohannes Renodeus; for by permixtion with other Medicaments it doth not depose its malignity. The Learned Schroder says 'tis one of the highest Poysons; for besides its acrimony, it is an Enemy to our Natural Balsam of Life, so that it

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prings strange symptoms, not only talaken inwardly, but apply'd outwardly; as Convulsions, numness of Hands and Feet, cold Sweats, Palpitations, Faintings, Vomitings, Corrosions and

Torments, Thirst, &c.

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Cadmia, Metallic, 'tis the Stone out of which Brass is drawn, and is call'd Brass. Ore, which Artificers use in making Yellow Brass, which the Shopmen call Aurichalcum, or Orichalcum, and 'tis probable this is the Stone which Albertus Magnus calls, Didachos, or the Devils-stone: Cadmia disceates gently, absterges and helps humid and putrid Ulcers, and draws them to scars; Schroder says 'tis Caustic, and that it ulcerates the Hands and Feet of the Miners, and taken inwardly kills all Creatures.

Antimony, or Stibium, or the seventhe Metall, which some say is Mercury, others Ambar, but neither of these are more than in a potency to be Metalls; a grand Alchymistical Quacksalving Idol; the sole Empyrical, Chymical Cathartic; whereby they boast to

cure

cure all Diseases; but it most devilshimme ly disturbs mens Ventricles by moving upwards and downwards; others in miserably torments by vigorous Purging, some it kills and restores very few to perfect health. One Corneliuss Gemma, a Physician of Lovain, relates, how a Paracelsian English Quackfalver, being himself and his Wife sick of a Fever, took himself and gave too his Wife, that which they call prepared Antimony, whereupon she fell quickly distracted, and changed her Life, yet valid, with death; and he complaining of Dreams and conhis Dejection, began to Rave; from that he became Epileptical; from his Epilepsie he fell into a Lethargy, being therewithal somewhat Apople-Etical: when he had been three days in that fopor, he fell again to his raving, and was so agitated with fury, that not long after he expir'd and pass'd from his conjugal Bed to his conjugal Tomb: and howfoever the Chymists cry up their Preparations of Antimony, tye

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yet as able Physitians as any in the World forbear to exhibit them because they have much better Medicaments wherewith they may more securely cure any Disease. And I could give a large account of the dismal Accidents that I have known happen by the administring of Antimony: and my ever honoured Master Dr. Patin, Regius Professor in Physick in the Famous University of Paris, wrote a Book which he call'd the Martyrology of Antimony.

Chrysocolle, which the Shopmen, following the Barbarous Mauritanian Idiome call it Borax, is found in the Golden, Silver, and sometimes Brazen Mines in Armenia, Macedonia, and Cyprus; it heats, checks superfluous Hesh, and is mordacious; it produces Ulcers to sanity, but taken at the Mouth 'tis perillous, says Renodeus.

Ochre, is a kind of Yellow Earth nuch commended in Affrica, not lapiteous, but friable, clayey and smooth, t binds, corrodes, discusses Tumors, and represses Excrescences.

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Pocket; most certainly; for own cardiacum debet offe humidum & Calidum: aurum autem est frigidum & sicum, i.e. every
Cordial ought to be most and hot, but:
Gold is cold and dry, Ergo Gold is no
Cordial at all; and nothing indeed is:
Cordial but what nourishes; a Glass:
of generous Wire, and nourishing;
Broaths, and such Diet are the greatest:
Cordials under the Sun.

of Mercury and Sulphur, not so meltable, cruder, or rather of Sulphur and Salt; mixed with the Cruder parts of the Earth: it binds and opens, as the Chymists says; the opening Virtue is chiefly in its more Volatile part, and so in the Salt; the Astringent virtue lyes in the more fixed part, and so in the Earthy.

Brass, was formerly dedicated to Venus, from her Island Cyprus where greate
plenty was dug; 'tis either of a Golden color call'd Aurichalcum; or redder, and then call'd Brass absolutely.

Brass was of more use among the

Antients

Antients, than either Gold, Silver or Iron; for the first money was Brass; and hence we meet with Ærarium, publicum, Æs ali num, Qu stor ær rius, their Warlike Arms also were not of Iron or Steel, but Brass as also their

Statues and Temple doors.

Lead, according to the Alchymists, is both dedicated to Saturn and called Saturn, and in their opinion 'tis generated of impure Quicksilver, and a little impure Sulphur, and 'tis thought that not only under the Earth, but in the open Air also it augments, and therefore Cardanus, thinks it endamages houses by its weight: for its Virtues, it refrigerates, binds, and thickens, &c.

y generated out of a certain fat portion of Earth; much whereof is in Lipara, Melos, and such like places, t is much in quality a kin to fire, for f be cast upon Coals it will burn, and not be extinguished, till all its oleous and fat substance be wasted; that Sulphur whereof your Quacking Chymists

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is not common Sulphur; yet 'tis mixed, though they affert it to be a principle of mixture. But no more of thatthere. It heats, cooles, resolves, curess Coughs, and difficulty of breathing; taken in an Egg, or burnt and its smoaked catch'd, moves Spittle: mixed with Butter or Swines grease, it mittigates and kills the Itch over the whole Body; and mixed with Turpentine it cures Tetters.

Mercury or Quickfilver is the prime Idol of the Alchymists, which they pronounce to be the principle of things and Sperm of Metals; and indeed for true each, that nothing more false; for if Metalls have any Sperm, 'tiss within themselves, not else where to be sought; nor will ever mixture bodies naturally resolve themselves in to Salt, Sulphur and Mercury, though these Chymical Vulcans will be ham mering them out, as the Learned Philosopher and Physician Riolanus hath proved against them. This Quickes solver its as it were, the Monster of Nature, which will not be subject to Nature.

Natures Laws; 'tis more fluxible than Water, more permeable than Vinegar; tho it moistens not; sometimes cures cold diseases; sometimes hot: when it seems cold it induces hot effects; when hot then cold ones; it sometimes hurts in small quantities, always in great; it easily loses it proper form, and easily reassumes it; and in this 'tis miraculous, that it often profits being taken inwardly; and often causes Palfie, trembling and other sad essects when apply'd outwardly; Falop.de Lue Wener. 'tis such a Beast that can scarce be tam'd by any Art; So that Galen the Prince of Physitians, next Hippocrates, durst not use it; having learn'd of Dioscorides that it was Poysonous. Its qualities are yet under debate; for some, from its effects, say 'tis cold; others as Avicen whom Palmarius and others follow, say 'tis cold and moist;

Fracastorius, Tomitanus and others, who attribute a corroding faculty to it, contend for its heat. But Renodeus, with Trajanus, thinks it to be of a mixt quality, participating of many other faculties.

faculties, but confifting chiefly of subtile parts; for it incides, attenuates, penetrates, melts, resolves, loosens the belly; and what is most to be admired, partly by an attractive quality attracts humors from the superficies to the: Centre; and excludes them by stool; and partly by an impulsive faculty, them from the Centre to the habit, and ejects them by salivation; and it: often works by seige when it should! salivate; and ofetn salivates when it: should move downward. Thus much of the nature of all the Metalls and Minerals from whence the Waters proeeed, now a few words concerning the: manner have the Waters acquire their virtues from them.

Now all these Waters are of a mixt, not simple nature, for they proceed and pass not from and through one. Quarry or Vein of the Earth only but from divers; and therefore acquire diverse faculties according to the divers substances which they draw along with them: as for Example, if a Water arises where is generated a Quarry or Vein

Vein of Sulphur, from whence it passes where Iron's generated, or Lead; this Water more certainly shall acquire mixt faculties to it self; and yet it shall attract more of the substance of the one than the other, according as any one quality makes more impression than another: and many times so comes to pass that the Water proceeds from and passages through passages where the Metall or Mineral is not yet perfectly generated, then you must expect it to be of an hot Nature, but not lo much participating of the Me-Ital or Mineral; the reason is because all Metalls and Minerals have heat for their efficient cause, and therefore if the Waters pass by while the Metall or Mineral is in generating, and where there is the cause of their generation, which is heat, they will consequently become hot; whence they will prove to be actually hot, and of a firery quality; and this shall be more or less according the more or lesser acting of of the Heat; or by reason of the longer or shorter stay of the Water, or C 4

by reason of the nature, quality amount fubstance of the Matter which is morral or less permiscible. For that the Waters do effectually attract the Vin tue of the Quarry or Vein, there are three things requisite (viz.) that hear perfom it parts well; that it acts oppis portunely, and those things which ought to be mixt, be fit to be mixt. So that fince these three conditions arecure required to the compleating the works it comes so to pass that although Wand ter do sometimes participate of more Quarries or Veins, yet it shall retain the faculties of one more than another ther; either by reason of one of these eauses, (viz.) either because heattill was more active, or from its longer stay, or from the Matters being more apt, or lastly from all these causes conjunct. Now a Quarry or Vein doth not impart its substance or faculties to the Water one manner of way only; but either it so imparts it, as its substance, is truly and really mixt, with its and those Waters and reteins their facular ties for a long time and to some purpose

Of Medicinal Waters.

pose: or else they are mixt not with onna true and real mixture, but are and only confounded; and when they are mixt by such a kind of confusion, the Waters of the Quarry are not all one, neither are they truly mixt, for one may separate one from another: sometimes lastly they are mixt, not because of the substance of the Quarry is mixt with Water; but only vapors elevated from the matter are permixt; And fince it happens as you may understand that mixtion is perform'd by these three manner of ways, 'tis no wonder if Water mixing it self in several Veins, shall attract and contract to it felf the faculty of one more than another. As for example; if Water that shall be perfectly mixt in one Quarry, with another confusedly only, and with another, with the vapors only, and not with the substance, it shall retein much more of the nature of that wherewith it is perfectly mixt, than the other.

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CHAP. III.

Of the Waters of Bath, and their Causes.

Ocerning which there are like...

wise divers opinions: Now these Waters being of so hot a Nature, thatty throw but a Fowl therein and it shall! immediately deplume it; put Fish and Eggs therein end it will presently concoct them; that these Waters are so hot of their own nature, I cannot in believe; for all Water is always, and of its own Nature cold in quality; and if it become hot by accident take but away the heating cause thereof, and it shall return to its prestine cold tem er of its own accord, without any thing of an altering nature being adhibited: For there are Rivers in hot Countries that are not very hot from the heat of the Sun: So that I conclude these Waters to be hot in the Caverns of the Earth from an outward

ward cause: which that it may be nade more plainly manifest, we shall briefly inspect into the causes of Baths.

Concerning their efficient Causes heir are likewise various opinions; pmitting the whimfical frothy conceits of the Chymists; let us see what he more sound and solid fort of Learned Philosophers say to the busithress; some ascribe this virtue to the Rays of the Sun with Thermophilus, who held that the Sun penetrating he pores of the Earth (for certainly he Earth is porous and Spungy,) was in its bowels there fortified, and made more active in heat; so that like Fire it heats Water, and what ever it neets with, and even burns what it neets with combustible; but if this were so, these Baths would be so not in Summer only, not in Winters or at least it would follow that these Springs would be less hot in Winter than in Summer, contrary to all experience; for every Idiot can tell ou the Springs, &c. are hotter in Vinter than Summer, the cause where-

of the Learned Philosophers ascribe ti that they call Antiperistasis, that is, iii plain English; the Earth is hotter within in Winter when the Sun's absent, thank in Summer; and so they'll tell your that their Sellars are hot in Winter and cold in Summer. Secondly, I canno conceive how the Sun should penetratus into such deep Caverns of the Earth assu. by force of its heat, to make the Wa ters therein to become so hot; where we see, it cannot effect the same on Lakes in any hot Region: Then 31y We know that there are Baths found in the most cold Countrys, as Island, &com Some with Mileus will have a Wind one a Spirit vehemently toss'd and mov'd up and down, and so penn'd up grows hot, and so coming to fall upon the Waters overheats them. Democritus says, they receive their heat from Ashe s and Lime: others think these Waters grow hot by reason of vehement mon tion and beating against the Rocks and not a few there are which say than the matter through which they pally heats them, which they say is the read foin

on that some smell softrongly of Sulbur, because they flow from Sulhury Veins. Others, o'th other side, ill have the cause to be an extream cat within the Earth in those places, hich overflow with hot Waters; and earned Dr. forden our Countryman I mistake not, thinks they derive neir heat from the fermentation of letals in their Generation; to which required an actual heat with a cer-

hin humidity; and some affirm that hunder hears the Waters, as may be en from Marlius;

unt autem cunctis permisti partibus ignes,

ui gravidas habitant fabricantes fulmi-

ponthe na nubes,

Les penetrant Terras, Athnamque imitantur Olympo,

Word it calidas reddunt ipsis in fontibus undas.

Lastly, the Chymists will have the Waers to wax hot from a mutual combat and conflict of divers Salts or Mineral odies; after the same manner, as we see in the conjunction of Spirit of Vitrol or Salt of Tartar, as from the two fires the Glass becomes so hot,

Ut multo accensis, fervore exuberat undiss Clausus ubi xusto liquor indignatur abeniu

Now among so many disagreeing opin nions, when there can be but om ith' right on't; Aristotle the great searcher into the Secrets of Na ture, in my opinion hit the Nail o'th head, who following Empedocles, the Disciple of Pythaooras when he saw these Therm or Baths, so call'd from Degude, Calidus, to be so hot, thought they could become so no other way! than from a most fervent cause because all Waters of their own Nas ture are cold, and could think the efficient cause to be no other then Fire included in the inmost parts of the Earth, and there, as it were, primogen neally refiding; of which the Epicure an Poet and Philosopher,

rincipio tellus habet in Corpora prima,
nde mare immensum, vo ventes flumina
fontes
'sidue revomunt habet ignes unde oriantur,
Iam multis succensa locis ard nt sola
Terræ.

Now that there is Fire under the arth, besides the hot siery water prings; the Lime, Ashes, &c. which are omited and dug out of the Earth, ay confirme and persuade us; as eing the genuine effects of fire; s lay nothing of Smoak and Soot, reaking out of the Earth; and fome places fire it self; therefore ubterranean fire, which Kirkerus alls pyrophylacia, i. e. a Prison for tre, is the most certain cause of the eat of the Waters, For while those: orings of Waters upon the Mounins, are carryed by the Vein and newy bendings of Metalls, in maner of Dragons and Chaldrons in the aths of the Antients, writhed and swift.d

Meander; and from thence attract the Virtues and Vices, as I may so say, co Metalls, wherewith the Water is time ctur'd, they wax hot from the natural fire Subterraneous to those windlings, even just as Water in a Pot is head by Fire; and Bartholine says expressy that Fire doth not heat the Water attempt the manner above related from Aristotle and Empedocles; but that this Pipes or Veins of the Earth conteins Fire it self within them,

less hot, here and there, First, as the matter is found more or less apt forms heat; Secondly, as that Fire is nigher or farther off the VVater; whence in some places Fire breaks out together with VVaters, in some places VVater without Fire to be seen. Thirdly, as there is a present quantity and proportion of matter, as for example, as great quantity of VVater would exting guish a little Fire, so that we see no Ringle ver to be so hot, much less a Lake, leastless of all the Sea.

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But since so much and lasting a Fire cannot continue without some food, or maintenance, therefore it must necesfarily have some Matter to nourish and renewit. Now this matter must be fomething that will burn, either dry, or oleagenous. Lands taken from the Fens and dryed, they call it roafted, cannot be the fires continual matter; for it is foon confum'd by the Fire, and it burns only by reason of the Roots and Herbs and Grass which it contains; wherefore it must be oyly, fat matter; Now the fatty things which are begot in the Bowels of the Earth, are chiefly Marle, Bitumen and Brimstone; now Marle burns not, nor any Earth, unless it be Sulphurous, or Bituminous; so that we may certainy conclude that Bitumen and Brimstone nd Oyls are the material cause of the ot Baths: hence Baths are call'd Sared, because they abound with Sulour, with which the Ancients us'd to xpiate their offences, whence the Greans call it Theion, i.e. Divine; For hatsoever is annointed with Oyl or Bitume

Bitumen and Brimstone, it presently takes fire: For moist and fatty, by consent of the Philosophers, is the ge-

nuine food of Fire;

As for the nature of our Baths im Somersetsbire, Physitians are divided among themselves, some saying once thing and some another: Dr. Turner, who hath wrote concerning them, Tays they confift of Sulphur and Coppenies mixt together: Dr. Forden and Driving Venner, Practitioners at the Bath, william have them impregnated with Sulphurm Nitre, and Bitumen, Dr. Venner becaussing he judges Sulphur to have the domining nion; but Dr. Fordan is for Bitumenton. Others will have them confift of neither ther; as Lossius, who in his counseless concerning these Baths, when he had given his opinion, that the materialis cause of Baths in general was Sulphum Oyl and Bitumen; tells you afterwarm that the Baths in Somersetsbire conteins neither Brimstone, nor Bitumen; as hi ving neither taste nor smell of either ha and says if you distill them in a Glank Alembec, you will not find the least figure of either, but a certain substance like Salt, such as is found in Pipes, through which Water runs into Cysterns; and this he takes to he a kind of Nitre, wherewith that ground be fays doth much abound; mixt with a portion of on Vitriol: and the Learned Dr. Meara, na Letter to Dr. Prujean, (before han Lossius wrote) concerning the cause of he Heat in these Waters, tells him; Ms a certain person of Quality was iding out of the City one day to take the Air; he by chance espies a certain ind of Chalk, or Marle as white as mow springing out of the Earth like tole-hills, brings some of it home and news it to him and Dr. Maplet 5 hich he says, was of a crumbling helasture, and almost turning to Powder its own accord; affording a mani-Af sharp, sowr taste without astriction; and begetting an inflammary choking or stopping in the Throat; that he did not doubt, but that it abunded with much Vitriol, and that was not altogether void of Arsnic: into cold water, it presently produc'd

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duc'd an ebullition, as if it had been in Quick: Lime, and the water by degree grew vehemently hot; and fince thill Marle or Chalk was found in the neighborn bouring parts of Bath, he very probably was induc'd to believe that the Back water grew hot from this Fire And he says, though he is not ignime rant that Authors every where afcrill the heat of the Bah waters to Brimes stone and Bitum n; and though it cannot not be deny'd but that there is green plenty of Bitumen in those Springs, and that they are abundantly impregnatus therewith, as the Cure of Scabs, Lepinon fy, Ulcers, &c. may convince, yet his doubts whether either of them has till nature of a Ferment apt to heat it Waters, since both are destitute Acidity, the chief promoter of Fermi tation; neither can either of the cast into water, produce Fermentatil or Heat, and whenas they are only clammy confistence, and especially Bitumen, so that the Water cand insinuate or penetrate it self into the particles, it must be concluded this tll

they are unapt for such a Fermentation; whenas the contrary is feen in that agent crumbly, powdry and not gummy confistence of the Marle: and so concludes leaving it wholly to Dr. Prujean to be judge, in so obscure a case. And I likewise shall not trouble the Reader, with tedious Philosophical disputes upon this subject; being as I told thee at first, I intended a plain and practical, land not an hard, difficult contemplarative discourse, and so shall pass on in the next Chapter to shew you the use of these and other Waters, or as I may Tay, their Virtues and Vices. fomething first of the preparing the Body.

CHAP. IV.

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Of the manner of preparing the Body of Such as intend to drink the Waters.

But most Peoples intention of going to the Waters being as I suppose cleanse their Bodies, and free them

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from Obstructions, Stone and Gravel, &c. and put their Bodies in good temper and order, I would advise them by all means to Prepare and Purge their Bodies before they take any of these. Waters, either Tunbridge, Empsom, Dullege, or any other hereabouts, or attorned if they go thither with gross, for if they go thither with gross, foul Bodies, and gorge themselves with the VVaters before they have unloadent themselves, of their overfulness of Blood, or bad humours, they had better stay at home, than to make work for the Physitian and damnifice themselves in Body and Purse.

Now if thou art troubled with too in much blood, which thou may it know by the fulness of the Veins, and heavilled ness and dulness of thy Body, thou hadft best take a way some blood, to the quantity of 6,9, 12, ounces according to the strength of thy body, age, sex, or thou may it do it at twice; the purge with this or the like. Take from half an ounce to an ounce of the best half an ounce to an ounce of the best sena, and from a Scruple to a dram control of the strength o

Crear

Cream of Tartar, & infuse them all night in some White-wine or Ale Posset-drink strein it & drink it offearly in the morning or thou mayst have Electuaries or Pills at the Apothecaries; if thou hadst theie rather; a Scruple of Stomach Pills taken at night going to bed, or after thy first sleep will work finely the next morning, made into three or four Pills, and you may go about your lawful occasions: or Lenitive Electuary, Catholicon, and Diaprunes of each two drams taken after the same manner, then you may venture to drink the VVaters, any of these taken twice first.

If thou beest of a Choleric nature prepare thy body, by boyling some Sorrel,
Borage, Bugloss, Chichory, Dandelion,
Endive, Strawberry-leaves, Spinach,
and such like in Fountain water or
River water, with a little French, Barley and Liquorice, and strein it and
drink thereof for a day or two; if thou
wouldst have it pleasant, add some
Syrup of Violets or Lemons, and there
Purge with Sena and Cream or Christal of

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Tartar

Tartar the quantity as before, infus'dl in some of the Liquor you prepared your body with, or the Electuary a--

bove, not Pills.

If Melancholly abound, prepare thy body, by boyling Fumitory, Balm, Maiden-hair, Dodder of Time, Cet rach., Hyssep, Scabious, Agrimony, some of these, or such like, as before with the Roots of Smallage, Fennel, Parsley Polypody, Butchers-Broome, Enulacamian, pane, Orice, and the like, and Syrupping of Maiden-hair, Apples, five openingshi Roots, or fuch like: then Purge with the Decoction of Epithymum, at the Apound thecaries, or with Sena infus'd as bear fore, or the Electuaries, not Pills.

It Phlegm abound, Prepare thy bo dy with Wormwood, Southernwood Mugwort, Agrimony, Betony, Centaury Calamint, Majoram, Motherwort, Peny royal, Horehound, Sage, Savory, and fuch like, in whose Decoction you market infuse Sena as before with Cream on Christal of Tartar; and in lieu of the Electuaries use the Pills. Now for the

manner of using the VVaters.

CHAP. V.

the Metallic and Mineral and Bath
Waters, and other such like.

A S for the Time then, that is twofold here; of the Year, and of
the day:

(profint;
Temporibus Medicina valet data tempore
Et dita non apto tempore vina nocent.

for the Season of the Year, Summer is the best, when the weather is commonly settled, warm and dry, and so they are commonly ordered to be taken in the Dog days;

Cum canis arentes findit hiulcus agros.

but there are other times in Summer certainly as fit as that (for the Dogdays keep not always to one temper) as fune and beginning of fuly, and after the Dog-days, many years are seasonable, as the Season falls out; and

in general when the weather is clean hot and dry, the Water is best; as wellow in Winter as in Summer; nay the VVanter is the stronger in hard, frosty weather; the cold hindring the Spiritting from evaporating; for in Rainy on Misty weather, when fupiter doth, permission with the stronger of through a Sieve as Aristophanes merrily speaks, the Waters must certainly lose much on their Virtue.

Morning about an hour after Sun-riim fing is the fittest; for when the Sumbegins to get power, it certainly attracts some of the Spirits of the Walters, and so consequently not so strong;

and then is the best walking.

Now as to the manner and order; 'tiss' best taking the quantity you are to take that day, within as small a space of time, as conveniently you can, without oppressing the Stomach; them you shall take a gentle walk before you Drink, so as to warm your bloods a little, not to sweat or be ready to sweat, and so between every Glass.

Nexu

Next as to the Quantity of Water be taken every Morning, it cannot e justly defin'd or prescrib'd; in reard of the difference of bodies as to pheir Age, Sex, Strength, and other dircumstances; in which you are wholly to be ordered by your Physitin, for though the drinking of the My Maters be a Quacksalving, Empyrical determedy, yet it ought not so be used or administred; and every one ought rom those things that help and hurt: ome may begin the first Morning with hree pints, or two quarts, or five impints, and so augment a pint, till they come to four Quarts, more or less as they find agree with their body and fo de de la pint by degrees. 'Tis not good to drink like some,

Invenies illic qui Nestoris ebibit annos.

Nestor's years: Some between every glass eat a few Carraway, or Corriander. Seed Comfeits, or Candid Elicampane,

Noth

or Angelica, or Orange, Lemon, or Citros
pills, &c. And certainly 'tis very number
ceffiny that they should have some
Electuary, Powder or Lozenge, or such
like, (appropriated to the grief for
which they take the Waters) appointment

ed them by their Physitian.

Having drank your dayly quantiti of Water, you will do well to walk or stir up and down, and composition your self to Mirth with some of this Company; for all cares and contrary passions of the Mind and Melancholl must be lest behind: this done, in this Name of God go to your Dinner; ii you perceive the Waters to be come cocted and past through. Now that fign of their concoction is, that youn Urine begins to be colour'd; which in the you perceive not you may abstein and while longer. If you drink the Wall ter cold, take not any more after that first draught till that be warmed im your Stomach, and no heaviness been perceiv'd.

Now the Waters taken in so great a quantity will force themselves a way

either m

or of Limons, or loosening ones; or Salt, or Manna, and Purging Powders; 'tis better to drink them at the Fountains, than some miles off; Then as for the time of staying to drink the Waters, if you ask me how long it must be? Truly I must answer it cannot be exactly defin'd or order'd; some stay longer, some shorter time, some a fortnight, &c. some a month, some more.

CHAP. VI.

Of the Dyet to be observed by those that drink the Metallic and Mineral Waters, and for all other persons what seever.

Meat and Drink, as it is commonly fo taken by the vulgar; for with Physitians it hath a larger acceptation; as comprehending, Air, Motion.

nois to

tion, and Rest, things reteined and avoid med, Sleeping and Waking, and the Passion of the Mind: all these are to be duly and rightly order'd and observ'd, and most considerably conducing bothmeto the preserving and restoring on health.

whereever you drink the Waters your must take the Air as it is, and be contented with it; otherwise if you will tented with it; otherwise if you will the chuse for the best, you are to consider two things chiesly, its substance and its quality: its substance must be considered its quality: its substance must be considered putrify'd. A serene, pure, perspicuous and temper'd Air, that exhilerates the sheart, illustrates the Spirits, and makes the blood apt to be distributed through the whole Body; so that there is nothing almost more healthful for the Body of man than to live in such an Air.

Next the Quality of the Air, that's from the Sun and Moon, &c. in the Spring, especially in the midst of its extream; the Air is hot and moist;

Summer, hot and dry; in Autumn, old and dry; and in Winter, cold and noist; and the same may almost be haid of the several parts of the day; for he Morning answers to the Spring &c:

The Moon changes the Air with its quarters; for the first quarter is like the Spring; the second Summer; the ersymbird Autumn, and the last quarter ike Winter.

What is said concerning Air, I hope imwill not displease; for Air is of great and concern in most diseases; thousands non pave been freed from deplorable diseaof at es by change of Air only; yer change of Air may do harm, as if one goes out of a good Air into a bad one.

Next is Meat and Drink, whose sub-time good or bad Concostion, little or much nealth, Meat of good juice is very ne-cessary; for Diseases are produced from Mears of bad juice: light food and spices beget thin Blood, which weakens and exhausts the substance of the Spirits; gross begets clammy blood, oppresses our natural heat and bege:

fulness, and bad humours.

For Quality hot, cold, moist, drameats, do affect us with their qualities; the quality of Food when in health must be correspondent to the temper and age of the body; the Resignant and time of the Year; but in Solve to contrary to reduce it

fickness contrary, to reduce it.

more than nature requires; fulnelling is the Parent of all bad humours; and fasting or a spare Dyet wasts the humours and innate heat: and all manners of Dyet is either thin or sparing, our gross, or a mean; the first diminishes our faculties, the second augments the last preserves them.

custome is to be kept, for 'tis a second nature. For Rustics who are us'd to gross meat, as strong Beef and Bacon better concoct it than tenderer meats which are rather apt to corrupt in their Stomach: therefore things we are accustomed to, though worse, are

better than what we are not.

A regard should be had to the Orden

of Dyet; so that Meats that are casie, are to be eaten before those of hard Concoction, so moist Meats are to be

taken before dry.

Meats are not to be taken out of Time; those in health are to eat after exercise, and when their former meat s concocted; and generally at an accustomed hour: to stay longer fills the stomach with sharp, bad humors, and o eat before creates crudities. Neiher neglect the Time of the Year, in Vinter 'tis best to eat more and drink es; let your meat and drink be hot nddrying; as Roast-meat, and stroner drings; in the String eat less, ut drink more and smaller drinks and eat Boyl'd meats rather then Roast; found hotter than in Summer: in Sumwer eat little and often; in Winter therwise: let the fickly feed sparing-, for cold dulls weak Stomachs: ne same is to be said of the Regis and Age; for we must eat more paringly in an hot, then in a cold country; so Young men require more leat than Old; so Childrens Dyet must

must be moist, lest their growth it hindred by a dry one: to Boys hand and dry, a cold Dyet will be besself and Boyl'd meat rather then Roass much drink, but not strong; Your men from 14 to 25 of a tempera Constitution, require a tempera

Dyet.

But here comes a question, How a we are to eat in a day? which I think general cannot be decided, because of fo numerous variety of temperfor Phlegmatic people, who are best allim to fast, once a day may be enough the Coleric, who easily is hurt fasting, he may eat oftner but tle; they may Breakfast, Dine and Silva but soberly: let the Sanguine keep mean in all things: let the Melanch may take something thrice a did whereby they may moisten their di ness. Most certain our fore-fathing were far more sparing than us; and prolong'd their lives, and were actifum strong, beautiful, tall: But yet must not believe they fed only on the corns, as Poetical Fables relate: Il manner of Fruits, Pulses and slesh: or Holy Writ tells us, after our first harents were cast out of Paradise, they Ruffilled the Earth, and facrific'd Vi-Yantims, whose flesh and intrails they robably fed upon. And 'tis most unvertain that Intemperance is the Nurse f Physitians; and that more perish by Hot luttouy than the Sword. Our Ancelors fays Galen more rarely were fick, ecause they liv'd more temperately. respocrates, says, Women, and Eunuchs were not troubled with the Gout; but either are free from it now; because their Gluttony. Wherefore 'tis est to observe that Golden precept of ocrates, we ought to eat to live, and not keep live to eat.

Again, At which repast is most to be ten, Dinner or Supper? This questinate hath been formerly so much connded for, that some of the Italian systicians have written whole books, ereon. I am of opinion that it is re healthful to sup sparingly. First be-use of the frequent experience of alost an infinite of men, who have

light Supper; the Stomach is least but den'd, and so sleep must be more plee sant; Secondly, the matter is preverted, whereby they are obnoxous to Il fluxions, Rheumatisms, Gouts, Dropsin Vertigoes, &c. that eat large Supper Thirdly, from a sparing Supper stomaconcoction is better perfected, and grevious obstructions are prevented

with many more diseases.

Another question may be, Wheel Meals are to begun with Meat or Drimi Liquids or Solids: And here I am of on nion that we should begin with quids; because they are soonest ca cocted; and then the concoction Meat in the Stomach is performed affi the manner that crude Flesh is in pot; whence, the Prince of Phila phers, Aristotle, compares this if coction to the boyling of Meat in Pot; but we first put water into Pot, then flesh: which is to be und stood of Broths and such liquid thim not Wine, or strong Ale or Beer, tt

they offend the Nervous parts of our bodies, and so cause Gouts and Scurvey numours; and fluctuations in the Stomach, whence is all coction disturbed: for this it was that Galen would have neat precede;) drink Broths first then some solid substance, then to drink, hat all may be equally mixt in the Stomach, remembring what Schola Salerni, ays, Inter prandendum sit sape parumque ibendum. But not to eat any crude Fruit after Meals, as 'tis too common, put either boyl'd, roasted, bak'd or preserv'd may be moderately taken.

As for Drink, that appeales Thirst,

As for Drink, that appeales Thirst, and is the Vehicle of Food, if it be purely drink, as Water; it may be iberally drank, if the bodies be strong and sirm; but if weak, sparingly, and he oftner. We here in England drink mall Beer generally, and the poor ort ith' Country drink Whey and But-

her-milk, &c. of which hereafter.

Thus far of Dyet in General; now in particular, the first thing that occurs Bread, the best is made of Wheat, even'd better then unleaven'd. Now

as there are several sorts of Wheat; if the Bread is of different nature where of it is made; that which is made of the pure meal is best; the next is that with Meal and Bran; that made of all Bran is for Dogs; always remember to put a convenient quantity of Salt into your Bread, against obstructions.

Bread made of Rye nourishes lessed and is not so easily concocted; but mixt with Wheat 'tis better, and and fords a moderate nourishment. Barlle bread, nourishes least of all; yet it dryward and cleanses, and is the same with Oatman by all which you may easily conjecture at the nature of Misselane. The older a day, and Wine of a year. The Cruman affords the best juice, and is of easiles concoction than the Crust, which is dryer, and Schola Salerni says,

We comedes crustam colerans quia gigman adustam, then cut away the burnt Crust yet the Crust is not so much to be distributed approv'd as some suppose; for its very convenient Food for those of the strong Stomach.

Hither are to be referr'd all kind of weet-Breads, which in general are but bad Food, except Biscockt; for none of them are without their fault; among which are also Puddings, Pasties, Pan-cakes, Cheese-cakes, Custards, and many such like, Quelquehose, hony'd, sugar'd, milky'd, egg'd: all bak'd Meats are hurtful to Athe Stomach and Liver, feeing they most manifestly heat, obstruct and of fend the inward parts.

The next are Fruits; of which this may be affirm'd in general, that they moisten and cool much; nourish little, vet some more, some less. All Fruits almost are endued with some bad qua-

lities, and beget winds and serous, thin humours, and are very hurtful to distempers proceeding from obstru-Stion, and putrid Fevers: of Fruits that will not keep long, and are soon rotten, the moister are to be chosen,

and eaten in the first course; such are Prunes, Cherries, Grapes, but the more

folid and such as bind more, and will not be rotten so soon, are to be eaten at

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the fecond course, among which air

Quinces, Pears, Apples, Nuts,&c.

It is a most certain rule, that all Fruits that may be boyl'd, bak'd, color roasted, beget bad juice, if eaternated.

As for Melons, Co cumbers, Pompions and they may in some measure conduce to hot Stomachs and Choleric personser. for they refresh and moisten much but they beget thick, cold juice, amus of hard concoction; Historians make mention of persons of great renowing that dyed by eating Melons: and Pear: Quinces, Medlars, Services, &c. ough not to be eaten by healthful people, but ! after meals; and then but in small and quantity, to strengthen the Stomach Filbirds may be allow'd, as being win a temperate nature; Chesnuts begee Dur thick Blood, Wind, and not easily com cocled.

No Pulses are much to be commended for Beans green are windy, disturb the senses, cause Dreams, and are of a thick juice, hard of concoction among not much nourishing; Primrose says

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they beget serous blood; &c. but dry'd they retrigrate, dry, and deterge also, apply'd in Pultises: Pease are of the same nature. Rice and French-Barly are the most excellent of all Pulses, beceuse they nourish most, and breed fewest Excrements: both moderately frengthen the Stomach, and are not perior of bad concoction: Ciches or Vitch's, num nourish more than Peafe, and discharge the reins, by their Diuretic faculty, and therefore are thought to be profitable multo those that are obnoxious to the Mean Stone in the Kidnies: But it is best to use them sparingly, nor without the Physician's advice; for by the undi= fcreet using of them, neither few nor light symptoms may ensue; as also from the untimely use of any other y bego Diuretics.

Herbs come next to be handled; In general all Herbs nourish little and are rather endued with altering qualities; for they heat, cool, dry, and moisten what way soever us'd. Galen extolls Letuce above all herbs; as endued with nourishing juice, but very cooling

cooling; and causing sleepiness: Nexual in coolness are Sorrel, Cichory, Porcesselan, &c. which may be profitably us'delled dayly; Among hot Herbs are Sages Thyme, Savory, Penyroal, Majorann Rosemary.

Lastly, Roots are by all esteem'come windy Food, some nourish more thanker

others.

Now the Food we receive from Anima mals may be reduced to Flesh and Eggs in general: and Flesh to Fish, Birds or four footed Beasts. Of Fish those that live about the Rocks, &c. arether most commended; Sea-fijb are betternal than River Fish; standing Pools worst All Fresh-fish beget Phlegm; are easily corrupted; dry'd and salt are of hard digestion, and burn the blood. The best are Trouts, Pike, Sole, Roach, Carp, Turi bot; then Mackrel Perch, Skait, Eeles for Tench, Crab fish, Lobsters, are on difficult coction; so last in goodness Salmon is to be eaten with moderation on. Fish, boil'd less good, fry'd bett ter, roasted best because dryest. In general the Male better then the Fe make

male, young (but not the very least) better then old; notwithstanding the old Proverb, Young Flesh; and old

re Sage Fish.

male

As for Birds, &c. young better then old, those that seed upon Mountains and high grounds, are of easier digestion than others; Tame have tenderer and moist Flesh; wild harder and drymer: those that are castrated are of a more pleasant taste than others: Birds nourish less, though sooner concocted than four footed Beafts. The best are Patriges and Mountain Birds, Cardan a a Physitian so highly extolls Patriges, if you'll believe him, that of themfelves he fays they are able to cure the Pox, which he found by experience upon his own body, having, as he ingeniously confesses of himself, being infected therewith no less than seven times; next Woodcocks, Blas birds, Doves, Pheasants, then Chicken, Pullets and Capons.

For Four-footed Animals, Fauns, Lambs, Pig, Weather, Veal, are best for taste and nourishment; Porks-flesh

nourishes

nourishes very much, but requires; stronger Stomach; Galen prefers before all; Beef is grosser, and so be gets more Melancholic ju ce then Muston. Now there are several sorts to ways of Cooking this Flesh; roasting boyling, frying, baking, &c. for dry bodies boil'd is best, for moist others. Broaths are of easie nourishment beam soon distributed.

things as are used in preserving a Food. As first Hon y; hot and sharp Sugar comes nighest to it not so hot more pleasant and samiliar to the Standard are all Spices. Mustard seed is most hot and dry; Oyl is temperate: Vine gar's temper is not decided; as Vine gar 'tis cold; as made of Corrup Wine, it retains somewhat of healt but 'tis more cold than hot; it drys provoks an Appetite, and strengthen the Stomach.

Hens, Phesants, Patriges, Turkyss Eggs are the best, Duck and Goose this worst: besides Eggs, we have Milk Butter Wor

Bu'ter, Cheese, Blood from four-footed Beasts.

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Milk is of a diverse temper, according to the Animal 'tis milk'd from. It consists of a threefold substance, waterish, whence Whey; thick whence Cheese; fatty and oily, whence Butter, Coms Milk hath most Butter, so it nourishes most, and cools less. Sheeps more Cheese so worse; Asses most Whey, so fittest to cool and moisten; Goars of a middle temper, Butter heats somewhat, nourishes little, losens and and softens: Cheese of thick bad juice fo stopping, an Enemy to those subject to the Stone ith' Kidneys: so the Proverbis very true.

Caseus ille bonus quem dat avara manus.

All Blood is of hard coction and nourishes little, Beef-blood the worst. Thus far concerning Meat, next follows.

Drink, was nothing but Water in the beginning of the World; if it be colour'd or smell, or taste, not good 57 lightest

lightest the best; for weak Stomachis it may be boil'd: and because few drink water alone, Barley may been boyl'd therein and so made Beer and Ale; stronger or smaller; some add Wheat, Oats and Beans; certainly 'ties the most healthful drink, if people for would accustome themselves to it; for forthey would free themselves from a a world of Diseases got by immode. rate drinking Wine or strong Beer, &c. as Tremblings, Palsie, Lethargy, Apoplexy, Vertigo, Pains ith Head, Eyes, Gout, Stone, Droisie, Rheumstisms, Piles, &c. for it strengthens the Stomach, causes an Appetite; the Æ gyptian and Israelitish Priests and Kings drank nothing but Water; Aristotle and Plato order Nurses, Children, Students to drink Water. Demosthenes lest Wine when he came to the Bar and Pulpit; Water preserves and quickens the sight. Alexander Aphrodiseus says in his Problems, it makes all the Senses more lively, cools the Liver, opens the passages, clenses the Reins and Bladder. Fountain and River Water are the best. Sleeping

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Of Medicinal Waters.

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Sleeping and Waking ought to be moderated with Prudence: Sleep concocts Meat and Humours, corrects diffempers of the Mind; moistens; Labor for the Flesh and Joynts, Sleep for the Entralls; Night's the best, three hours from Supper, Day sleep hurts, unless none by Night, or weary; for it makes a moist Brain, and breeds sour Belchings, &c. exceed not eight hours; lye sirft on the right side, then the left, nor on the Back or Face; Watching's also to be moderate; for immoderate produces contrary effects.

Motion comprehends all exercise, whereof are several sorts, Tennis, &c: for the whole Body; riding for the Intestines, walking for the Thighs, and Reading and Singing for the Lungs, &c. it strengthens, distributes, Meat: Morning and Evening; exercise till the Body be florid, and begin to sweat, the

same moderation in Rest.

As for things to be retein'd and voided, they help health, if those be evacuated that ought, & contra: thing to be voided if they are retein'd hu

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Hemorhoids, Courses, Sed, &c. if supportes de oppress and purrisse. So ill things be voided that ought to be retein'd, or voided in too great quantity.

As for the Passions of the Mind, they must not be violent; so of what before as Mest, sleep, &c. all must be moderate; and thus much for dyet which is minded, there would not be any need obtaking such uncertain remedies as Minneral Waters; which have certainly been the utter ruin of many thousands.

As for the many symptoms follow...
ing the irregular and unadvised drink...
ing the Waters, as suppression off
Urine, Dropsies, &c. too long here too
name, they are to be remedied by the

Learned Physician.

FINIS.

